



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Yoshihiro HAMAKAWA	:	
)	Examiner: Alan D. Diamond
Serial No: 10/606,900	:	
)	Group Art Unit: 1753
Filed: 6/27/03	:	
)	
For: PHOTOVOLTAIC APPARATUS AND MASS-PRODUCING	:	
APPARATUS FOR MASS-PRODUCING SPHERICAL	:	
SEMICONDUCTOR PARTICLES)	

COMMISSIONER OF PATENTS
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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Rule 37 C.F.R. §1.51(b), §1.56, §1.97, and §1.98, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified is submitted herewith, except that a copy of any U.S. patent application identified herein or any patent, publication or other information listed herein cited or submitted in a prior application relied upon for an earlier filing date under 35 U.S.C. §120 and identified below, is not submitted herewith.

**ADDITIONAL DOCUMENTS OR INFORMATION NOT LISTED ON
ACCOMPANYING FORM PTO-1449 SUBMITTED FOR CONSIDERATION**

Reason for Refusal by Japanese Patent Office dated July 29, 2003

**CONCISE STATEMENT OF RELEVANCY
(Non-English Language Documents Only)**

The relevancy of the Japanese publications is apparent from their English language abstracts.

STATEMENT REGARDING TRANSLATIONS

Complete translations of the complete Japanese language documents are not readily available (except as abstracts, attached)

CERTIFICATION

X This Information Disclosure Statement is submitted within three months of (i) the filing date of the above-identified U.S. National Patent application, or (ii) the date of entry into the U.S. National Stage of the above-identified International Application, or (iii) the date of entry into the U.S. National Stage of the International Application that has been assigned the above-identified U.S. Patent application number, whichever applies.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 02-0200.

Respectfully submitted,


Benjamin E. Urcia

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Date: August 18, 2003
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B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number HAMA3002D/BEU	Serial Number 10/606,900
	Applicant Yoshihir HAMAKAWA et al	
	Filing Date 6/27/03	Group 1753

AUG 18 2003

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
	JP9162434	6/20/1997	JAPAN			X	
	JP7297438	11/10/95	JAPAN			X	
	JP7202244	8/4/95	JAPAN			X	
	JP2001339086	12/7/01	JAPAN			X	

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

Examiner	Date Considered
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.